

Math 1  
Quiz 13 Review

Quiz 13 will be on Tuesday, April 4. The following standards from module 6 are on the exam:

- **6D: congruence** Students understand and use properties of congruence.
- **6F: triangles** Students understand and use criteria for congruent triangles and similar triangles.
- **6G: construction** Students construct geometric objects using compass and straightedge.

You need to know the constructions provided on the subbie wiki:

- angle bisector
- copy the angle
- equilateral triangle
- perpendicular bisector
- square

You also need to be familiar with the following terms:

- A *polygon* is a closed figure that does not intersect itself and whose edges are line segments.
- A *quadrilateral* is a polygon with four sides.
- A *parallelogram* is a quadrilateral with each of its sets of opposite sides parallel to each other.
- A *rectangle* is a quadrilateral with all angles congruent. (Every rectangle is automatically a parallelogram.)
- A *rhombus* is a quadrilateral with all sides congruent. (Every rhombus is automatically a parallelogram.)
- A *square* is a quadrilateral that is both a rectangle and a rhombus.

Following is a list of criteria for triangle congruences (that are valid in Euclidean geometry):

- SSS
- SAS
- ASA
- AAS

Note that AAA is *not* on the list. (That criterion only guarantees similarity.) Note also that SSA is *not* on the list.